

APPARATUS AND METHOD FOR AUTOMATICALLY LEVELING AN OBJECT

ABSTRACT OF THE DISCLOSURE

5 An apparatus for automatically leveling a vehicle is provided. Having a
plurality of legs, a sensor and a controller. The sensor is mounted to the vehicle to sense
pitch and roll of the vehicle relative to a reference level plane. The sensor produces an
orientation signal representing the vehicle pitch and roll. The controller is coupled to
each of the legs and to the sensor, and monitors the orientation signal received from the
10 sensor and in response to that signal the controller causes at least one of the legs to retract
to move the vehicle downwardly relative to the ground surface, for orienting the vehicle
with the reference level plane within a tolerance.